DYNAMIC ACCESS CONTROL LISTS

ABSTRACT OF THE DISCLOSURE

A method controls access of a user to a network including a plurality of hosts coupled together through a network switch. The method includes storing in the

5   network switch an enhanced access control list containing data related to at least one of user names, DNS names, domain names, and physical addresses. A dynamic access control list is generated from the enhanced access control list, with the dynamic access control list containing a plurality of IP addresses that restrict access of the user to the network.